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**SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS**

	<b><u>FY 2004</u></b>	<b><u>FY 2005</u></b>	<b><u>FY 2006</u></b>	<b><u>FY 2007</u></b>	<b><u>FY 2008</u></b>	<b><u>FY 2009</u></b>
<b>Resources:</b>						
Solid Waste Capital Fund	\$0	\$0	\$0	\$66,919	\$0	\$0
Reserve for Future Landfill Expansion	0	0	0	0	1,968,332	0
Reserve for Landfill Closure	0	0	0	0	1,027,424	0
Total Estimated Resources	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$66,919</u></b>	<b><u>\$2,995,756</u></b>	<b><u>\$0</u></b>
 <b>Proposed Projects:</b>						
Development of Landfill Site, Phase IV	\$0	\$0	\$0	66,919	\$1,968,332	\$0
Closure of Landfill Site, Phase I	0	0	0	0	1,027,424	0
Total Proposed Projects	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$66,919</u></b>	<b><u>\$2,995,756</u></b>	<b><u>\$0</u></b>



## SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS FINANCING PLAN

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Balance Forward	\$360,078	\$360,078	\$360,078	\$293,159	\$0
Income:					
Transfer From Reserve for Future Landfill Expansion	0	0	0	1,675,173	0
Transfer From Reserve for Landfill Closure	0	0	0	1,027,424	0
Balance and Income	<u>360,078</u>	<u>360,078</u>	<u>360,078</u>	<u>2,995,756</u>	<u>0</u>
Cash Flow Requirements					
FY 2005-2009 CIP Projects	0	0	66,919 <sup>1</sup>	2,995,756 <sup>1</sup>	0 <sup>1</sup>
Total Expenditures	<u>0</u>	<u>0</u>	<u>66,919</u>	<u>2,995,756</u>	<u>0</u>
Balance Forward	<u>\$360,078</u>	<u>\$360,078</u>	<u>\$293,159</u>	<u>\$0</u>	<u>\$0</u> <sup>1</sup>

<sup>1</sup> Source: Department of Public Works



## SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS DETAIL SUMMARY

FIVE-YEAR PROPOSED PROGRAMMING TO BE APPROPRIATED BY THE CITY					
Project Title	FY2005	FY2006	FY2007	FY2008	FY2009
<b>SOLID WASTE</b>					
Closure of Landfill Site, Phase I	0	0	0	1,027,424	0
Source of Funding					
Reserve for Landfill Closure	0	0	0	1,027,424	0
Development of Landfill Site, Phase IV	0	0	66,919	1,968,332	0
Source of Funding					
Reserve for Future Landfill Expansion	0	0	66,919	1,968,332	0
Total Estimates Submitted 05-09 CIP	\$0	\$0	\$66,919	\$2,995,756	\$0
Source of Funding					
Reserve for Future Landfill Expansion	0	0	66,919	1,968,332	0
Reserve for Landfill Closure	0	0	0	1,027,424	0
Other	0	0	0	0	0



<i>FIVE-YEAR ESTIMATED NET COST</i>	<i>EXPENDITURES THROUGH 6/30/2003</i>	<i>FY 2004 APPROPRIATION</i>	<i>ESTIMATED COST BEYOND PROGRAM PERIOD</i>	<i>TOTAL ACCUMULATED PROJECT COST</i>
1,027,424	0	0	0	\$1,027,424
2,035,251	0	0	0	\$2,035,251
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\$3,062,675	\$0	\$0	\$0	\$3,062,675
\$2,035,251				
\$1,027,424				
\$0				
<hr/>				
\$3,062,675				



**Project Title:** Closure of Landfill Site, Phase I

**Project Type:** New Construction/Expansion

**Project Manager(s):** David Owen, Michael McElhare and Felicia West

**Phase of the Project:** Project to be completed during FY 2008

**Location:** 2525 Concord Turnpike

**Status of Project Site:** City Owned

**Description:**

Closure of approximately eight (8) acres of the City's landfill development in response to statutes and regulatory mandates by the Commonwealth of Virginia.

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

Undetermined at this time

**Relationship to Comprehensive Plan:**

Chapter 15, Page 15.9, Goal 4. Maintain the focus on the City's long-term solid waste management needs, including the regionalization of solid waste management services. Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity to accommodate long-term growth of the City and region.

**Department Priority:**

- ☒ Project has legal or regulatory mandate
- ☒ Project supports essential services

**Timetable:**

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges													x	x	x	x				
40 Consultant Engineering													x	x	x	x				
50 Contract Administration (Contractual)													x	x	x	x				
70 Construction													x	x	x	x				
90 Miscellaneous													x	x	x	x				

**Total Project Cost**

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
		\$1,027,424		\$1,027,424

**Five Year Proposed Project Appropriation by Sub-Project**

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges				12,653		\$12,653
Consultant Engineering				141,714		\$141,714
Contract Administration (Contractual)				50,612		\$50,612
Construction				809,792		\$809,792
Miscellaneous				12,653		\$12,653
TOTAL	\$0	\$0	\$0	\$1,027,424	\$0	\$1,027,424

**Five Year Proposed Project Appropriation by Fund**

4010 Solid Waste Capital Project Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
				1,027,424		\$1,027,424
TOTAL	\$0	\$0	\$0	\$1,027,424	\$0	\$1,027,424

**Five Year Proposed Project Expenditure by Source of Funding**

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Reserve for Landfill Closure				1,027,424		\$1,027,424
TOTAL	\$0	\$0	\$0	\$1,027,424	\$0	\$1,027,424

**Sources of Project Funding FY 2005 - 2009 (in percent)**

Local: 100%



<b>Project Title:</b>	<b>Development of Landfill Site, Phase IV</b>
<b>Project Type:</b>	New Construction/Expansion
<b>Project Manager(s):</b>	David Owen, Michael McElhare and Felicia West
<b>Phase of the Project:</b>	Project to be completed during FY 2008
<b>Location:</b>	2525 Concord Turnpike
<b>Status of Project Site:</b>	City Owned

**Description:**

Open Phase IV of the four-phase landfill development project, all in response to statutes and regulatory mandates by the Commonwealth of Virginia including additional ravine excavation, installation of clay and plastic liners and extension of the leachate system. The first phase opened approximately nineteen acres of property; the second phase opened four acres; the third phase opened eight acres; and the fourth phase will open five acres.

**Operating Budget Impact (Overall operating expenses and projected staffing requirements):**

Undetermined at this time

**Relationship to Comprehensive Plan:**

Chapter 15, Page 15.9, Goal 4. Maintain the focus on the City's long-term solid waste management needs, including the regionalization of solid waste management services. Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity to accommodate long-term growth of the City and region.

**Department Priority:**

- ☒ Project has legal or regulatory mandate
- ☒ Project supports essential services

**Timetable:**

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges									x	x	x	x	x	x	x	x				
40 Consultant Engineering									x	x	x	x	x	x	x	x				
50 Contract Administration (Contractual)													x	x	x	x				
70 Construction													x	x	x	x				
90 Miscellaneous													x	x	x	x				

**Total Project Cost**

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
		\$2,035,251		\$2,035,251

**Five Year Proposed Project Appropriation by Sub-Project**

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges			6,084	7,592		\$13,676
Consultant Engineering			60,835	142,346		\$203,181
Contract Administration (Contractual)				31,000		\$31,000
Construction				1,774,741		\$1,774,741
Miscellaneous				12,653		\$12,653
TOTAL	\$0	\$0	\$66,919	\$1,968,332	\$0	\$2,035,251

**Five Year Proposed Project Appropriation by Fund**

4010 Solid Waste Capital Project Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
			66,919	1,968,332		\$2,035,251
TOTAL	\$0	\$0	\$66,919	\$1,968,332	\$0	\$2,035,251

**Five Year Proposed Project Expenditure by Source of Funding**

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Reserve for Future Landfill Expansion			66,919	1,968,332		\$2,035,251
TOTAL	\$0	\$0	\$66,919	\$1,968,332	\$0	\$2,035,251

**Sources of Project Funding FY 2005 - 2009 (in percent)**

Local: 100%



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